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LINES

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SEQUENCE LISTING

SEQ ID NO: 1

LENGTH: 238

TYPE: amino acid

5 TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION

Met Ser Lys Gly Glu Glu Leu Phe Thr Gly Val Val Pro Ile Leu Val
1 5 10 15

10 Glu Leu Asp Gly Asp Val Asn Gly His Lys Phe Ser Val Ser Gly Glu
20 25 30

Gly Glu Gly Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys Phe Ile Cys
35 40 45

Thr Thr Gly Lys Leu Pro Val Pro Trp Pro Thr Leu Val Thr Thr Phe
15 50 55 60

Ser His Gly Val Gln Cys Phe Ser Arg Tyr Pro Asp His Met Lys Gln
66 70 75 80

His Asp Phe Phe Lys Ser Ala Met Pro Glu Gly Tyr Val Gln Glu Arg
85 90 95

20 Thr Ile Phe Phe Lys Asp Asp Gly Asn Tyr Lys Thr Arg Ala Glu Val
100 105 110

Lys Phe Glu Gly Asp Thr Leu Val Asn Arg Ile Glu Leu Lys Gly Ile
115 120 125

Asp Phe Lys Glu Asp Gly Asn Ile Leu Gly His Lys Leu Glu Tyr Asn
25 130 135 140

Phe Asn Ser His Asn Val Tyr Ile Met Ala Asp Lys Gln Lys Asn Gly

	145	150	155	160
	Ile	Lys	Val	Asn
	Phe	Lys	Ile	Arg
	His	Asn	Ile	Glu
	Asp	Gly	Ser	Val
	165	170	175	
	Gln	Leu	Ala	Asp
	His	Tyr	Gln	Gln
	Asn	Thr	Pro	Ile
	Gly	Asp	Gly	Pro
5	180	185	190	
	Val	Leu	Leu	Pro
	Asp	Asn	His	Tyr
	Leu	Ser	Thr	Gln
	Ser	Ala	Leu	Ser
	195	200	205	
	Lys	Asp	Pro	Asn
	Glu	Lys	Arg	Asp
	His	Met	Val	Leu
	Leu	Glu	Phe	Val
	210	215	230	
10	Thr	Ala	Ala	Gly
	Ile	Thr	His	Gly
	Met	Asp	Glu	Leu
	Tyr	Lys		
	225	230	235	238

SEQ ID NO: 2

LENGTH: 28

15 TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

20 TCGTGACCAC CTTCTCCCAC GGC GTGCA 28

SEQ ID NO: 3

LENGTH: 28

TYPE: nucleic acid

25 STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

TGCACGCCGT GGGAGAAGGT GGTCACGA 28

5 SEQ ID NO: 4

LENGTH: 29

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

10 MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

GCTGGAGTAC AACTTCAACA GCCACAACG 29

SEQ ID NO: 5

15 LENGTH: 29

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

20 SEQUENCE DESCRIPTION

CGTTGTGGCT GTTGAAGTTG TACTCCAGC 29

SEQ ID NO: 6

LENGTH: 28

25 TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

CCTCGTGACC ACCCTCTCCC ACGGCGTG 28

5

SEQ ID NO: 7

LENGTH: 28

TYPE: nucleic acid

STRANDEDNESS: single

10

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

CACGCCGTGG GAGAGGGTGG TCACGAGG 28

15

SEQ ID NO: 8

LENGTH: 28

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

20

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

CCTCGTGACC ACCCTCACCT ACGGCGTG 28

SEQ ID NO: 9

25

LENGTH: 28

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

5 CACGCCGTAG GTGAGGGTGG TCACGAGG 28

SEQ ID NO: 10

LENGTH: 29

TYPE: nucleic acid

10 STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

GAACGGCATC AAGGCCAACT TCAAGATCC 29

15

SEQ ID NO: 11

LENGTH: 29

TYPE: nucleic acid

STRANDEDNESS: single

20 TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

GGATCTTGAA GTTGGCCTTG ATGCCGTTT 29

25 SEQ ID NO: 12

LENGTH: 28

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

5 SEQUENCE DESCRIPTION

CATCGAGGAC GGCGGCGTGC AGCTCGCC 28

SEQ ID NO: 13

LENGTH: 28

10 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

15 GCGGAGCTGC ACGCCGCCGT CCTCGATG 28